
Virginia COVID-19 Update

March 9, 2022



National Trends

- The United States case rate per 100,000 population in the last 7 days has decreased to **96.0** (-33.8%)
- National new hospitalizations of confirmed COVID-19 cases in the last 7 days have decreased to **3,368** (-31.4%)
- The national death rate per 100,000 population in the last 7 days has decreased to **2.8** (-28.2%)

Virginia Trends

- **Case rate per 100,000** population in the last 7 days decreased to **100.3** (-34.0%)
- Compared to last week, **Cases by Date Reported** decreased to **1,390 (7-day MA) per day** (-29.6%)
- **Hospitalizations** decreased to **636 per day** (-45.2%)
- **Deaths decreased** to **12 per day** by date of death reporting (-85.4%)
- Approximately **20,296 tests (PCR + antigen) were conducted per day** over the past 7 days as of 3/3/2022
- **As of 3/7/22, the 7-day PCR positivity rate is 6.0%**, which represents a decrease (-2.4%) to the positivity rate of 8.4% last week
- Approximately **39% of Virginia localities** have a positivity rate **above 10%**, for the 7-day period from 2/20-2/26
- **No Virginia localities** have a positivity rate **above 30%**, for the 7-day period from 2/20-2/26

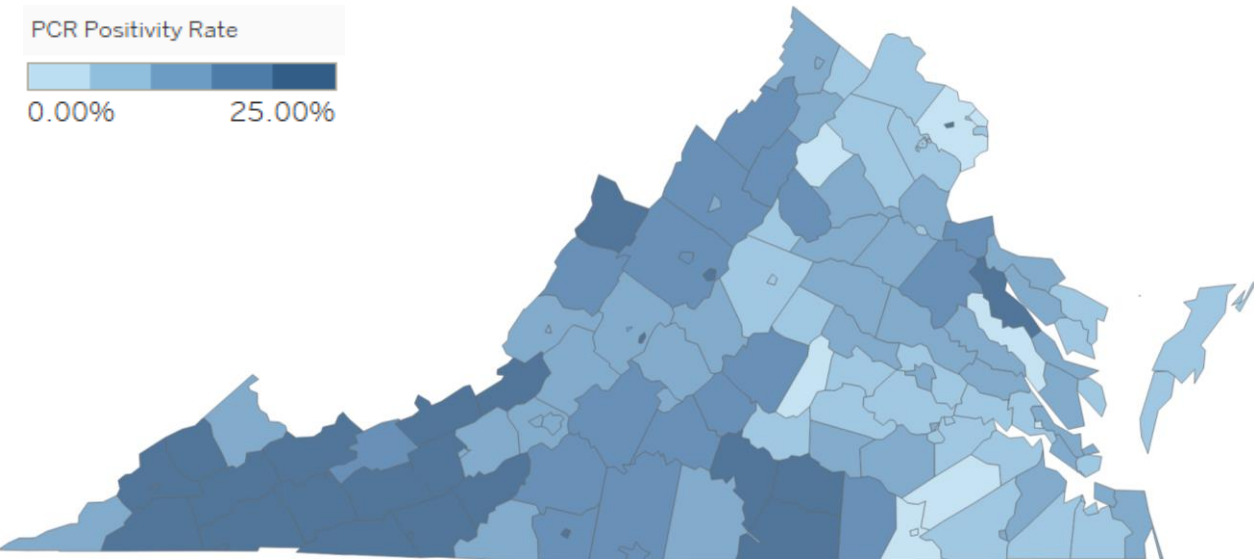
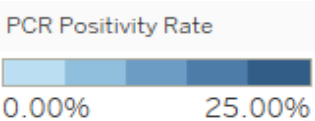
COVID-19 Positivity Rates by Locality

Updated 3/4

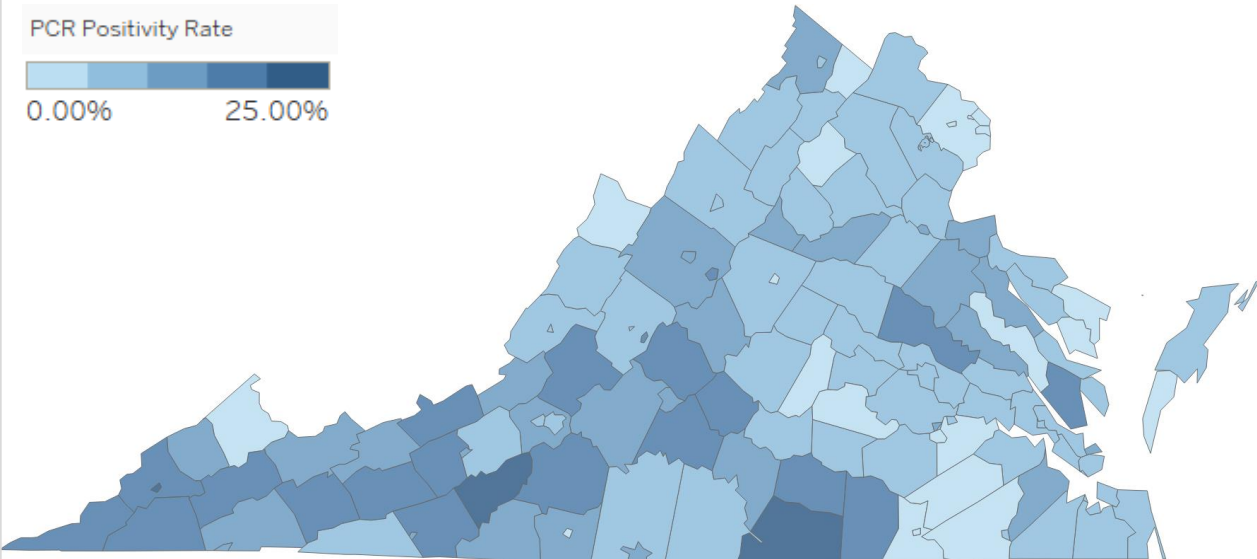
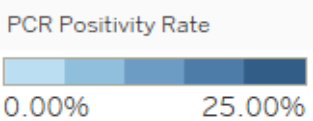
The map below shows a gradient of every Virginia locality and its corresponding 7-day moving average positivity rate. Darker shades of blue indicate higher locality positivity rates. **39% of Virginia localities have surpassed a 10% positivity rate** for the 7-day period from 2/20-2/26, which is a 54-percentage points decrease in positivity compared to the prior reporting period ending on 2/19. **0% of localities have surpassed a 30% positivity rate** (a 3-percentage points decrease from the prior reporting period).

PCR Positivity Rate for 7-Day Period

2/13/2022 - 2/19/2022



2/20/2022 - 2/26/2022



Data source: The internal COVID-19 Locality Dashboard, accessed from this link:
<https://dataviz.vdh.virginia.gov/#/views/COVID-19LocalityDashboardinternal/Labpercentpositivitybyweek?:iid=5>.

Health Districts: Tests Conducted

Updated 3/4

- Over the 7-day period from 2/22 – 2/28, a **total of 153,514 tests (antigen + PCR) were conducted** statewide (a 20,255-test decrease from the period of 2/15 – 2/21). The below chart depicts total testing conducted by each Health District over the 7-day period from 2/22 – 2/28.

Health District	7-Day MA PCR Positivity	7-Day MA Total Positivity	7-Day Total Tests	Total Tests per 100k per day	Health District	7-Day MA PCR Positivity	7-Day MA Total Positivity	7-Day Total Tests	Total Tests per 100k per day
Alexandria	4.68%	3.56%	4,916	<div></div> 383	Loudoun	5.04%	5.08%	6,423	<div></div> 197
Alleghany	9.72%	9.13%	2,718	<div></div> 190	Mount Rogers	14.99%	9.35%	7,043	<div></div> 468
Arlington	3.93%	3.83%	9,258	<div></div> 487	New River	13.29%	11.57%	3,986	<div></div> 271
Blue Ridge	6.91%	6.49%	6,605	<div></div> 324	Norfolk	9.14%	6.06%	2,784	<div></div> 143
Central Shenandoah	10.99%	6.98%	6,506	<div></div> 270	Peninsula	8.39%	7.31%	4,282	<div></div> 153
Central Virginia	14.05%	9.54%	3,506	<div></div> 166	Piedmont	8.14%	4.70%	2,411	<div></div> 295
Chesapeake	7.23%	5.68%	2,580	<div></div> 133	Pittsylvania-Danville	11.09%	7.79%	1,283	<div></div> 158
Chesterfield	8.54%	6.81%	6,364	<div></div> 201	Portsmouth	7.39%	6.06%	990	<div></div> 131
Chickahominy	11.34%	9.64%	2,737	<div></div> 214	Prince William	6.27%	5.57%	7,037	<div></div> 167
Crater	7.45%	5.24%	3,691	<div></div> 297	Rappahannock	8.79%	6.91%	5,307	<div></div> 179
Cumberland Plateau	14.71%	12.94%	1,958	<div></div> 237	Rappahannock Rapidan	7.55%	5.44%	3,033	<div></div> 211
Eastern Shore	5.76%	3.58%	721	<div></div> 204	Richmond	7.24%	5.81%	3,443	<div></div> 188
Fairfax	3.91%	3.61%	24,487	<div></div> 257	Roanoke	7.96%	7.12%	3,300	<div></div> 413
Hampton	7.06%	5.93%	1,842	<div></div> 171	Southside	15.27%	11.11%	1,202	<div></div> 185
Henrico	7.68%	7.28%	6,252	<div></div> 237	Three Rivers	9.12%	7.90%	1,910	<div></div> 169
Lenowisco	16.92%	12.75%	2,485	<div></div> 357	Virginia Beach	8.23%	5.97%	4,655	<div></div> 129
Lord Fairfax	8.21%	7.67%	3,341	<div></div> 175	West Piedmont	13.12%	9.13%	2,099	<div></div> 191
					Western Tidewater	6.27%	4.94%	1,683	<div></div> 137

Health Districts: Testing Projections

Updated 3/4

Assuming 10 contacts per case, the current model, which was updated on 3/4, projects that **183,601 tests will be needed statewide in February**. *This twice monthly-adjusted target is for internal planning purposes only.* The below table shows each LHD's progress toward their projected number of tests needed and includes all testing conducted in the LHD, including pharmacies, health systems, etc.

Health District	Feb. Testing Projection	Feb. Tests* Conducted (as of 2/28)	Progress Relative to Testing Projection
Alexandria	2,838	22,937	<div></div> 808%
Alleghany	7,227	14,445	<div></div> 200%
Arlington	4,158	43,511	<div></div> 1046%
Blue Ridge	7,612	31,308	<div></div> 411%
Central Shenandoah	8,107	30,724	<div></div> 379%
Central Virginia	15,037	20,139	<div></div> 134%
Chesapeake	5,423	11,909	<div></div> 220%
Chesterfield	9,570	34,605	<div></div> 362%
Chickahominy	3,201	12,035	<div></div> 376%
Crater	6,265	16,244	<div></div> 259%
Cumberland Plateau	4,252	10,779	<div></div> 254%
Eastern Shore	165	4,135	<div></div> 2506%
Fairfax	12,205	121,978	<div></div> 999%
Hampton	3,685	8,881	<div></div> 241%
Henrico	6,292	29,492	<div></div> 469%
Lenowisco	4,125	16,789	<div></div> 407%
Lord Fairfax	4,576	15,149	<div></div> 331%
Loudoun	4,345	30,471	<div></div> 701%

Health District	Feb. Testing Projection	Feb. Tests* Conducted (as of 2/28)	Progress Relative to Testing Projection
Mount Rogers	10,181	31,980	<div></div> 314%
New River	5,676	19,941	<div></div> 351%
Norfolk	2,750	12,708	<div></div> 462%
Peninsula	5,038	20,296	<div></div> 403%
Piedmont	1,881	13,524	<div></div> 719%
Pittsylvania-Danville	3,212	8,714	<div></div> 271%
Portsmouth	1,705	5,227	<div></div> 307%
Prince William	7,898	35,195	<div></div> 446%
Rappahannock	7,183	26,547	<div></div> 370%
Rapp-Rapidan	8,107	15,051	<div></div> 186%
Richmond	4,268	15,235	<div></div> 357%
Roanoke	2,354	19,787	<div></div> 841%
Southside	1,826	7,981	<div></div> 437%
Three Rivers	2,244	10,665	<div></div> 475%
Virginia Beach	4,587	24,742	<div></div> 539%
West Piedmont	4,004	10,781	<div></div> 269%
Western Tidewater	1,606	9,594	<div></div> 597%

*Tests include both Antigen and PCR.
Data sources: VDH Website (Tests_by-LabReportDate);
UVA Adaptive Fit Scenario

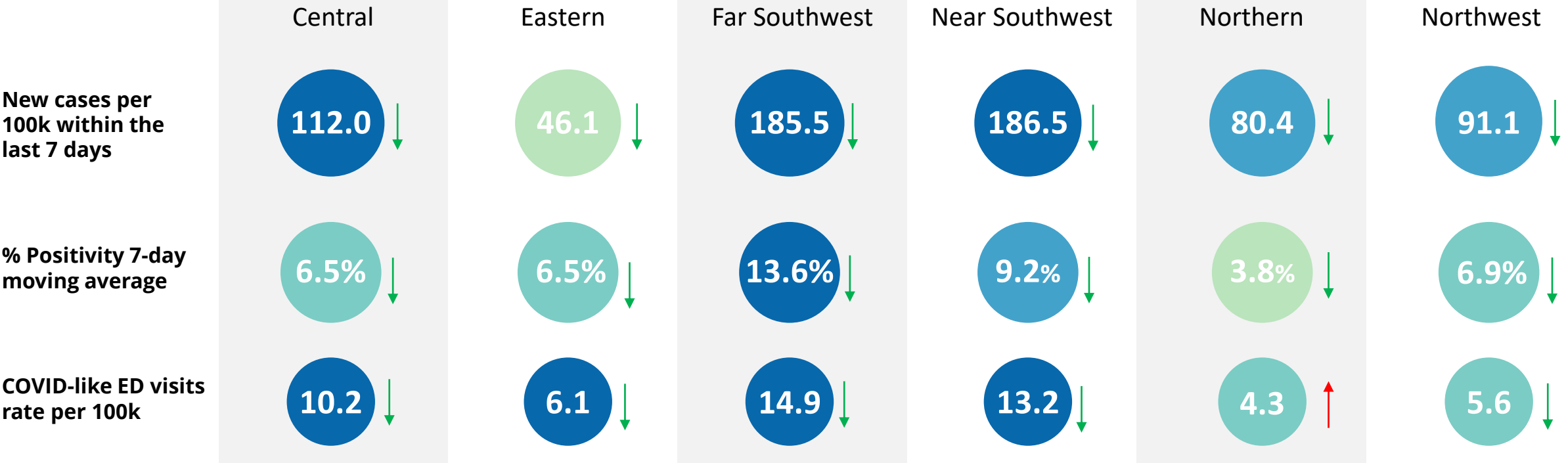
Anticipated % complete by 2/28: 100%

On Track (meeting or exceeding anticipated % complete)

Lagging (within 10 percentage points of anticipated % complete)

Lagging (more than 10 percentage points below anticipated % complete)

Metrics date: 3/7/2022



Burden	Level 0	Level 1	Level 2	Level 3	Level 4
New Cases	<10	10-49		50-100	>100
% Positivity	<3	3-5	5-8	8-10	>10
CLI ED Visits	<4		4-5.9		≥6

Symbol	Trend
↑	Increasing
↓	Decreasing
○	Fluctuating

Source: [Region Metrics – Coronavirus](#)
*Data represents a 7-day moving average, trends compared to 1 week ago comparing end of week totals from Monday to Monday.

Regional Metrics

- Regional metrics indicate that new cases per 100K, percent positivity, and COVID-like ED visits per 100K are all decreasing compared to last week
 - **New cases per 100K are decreasing in all regions over the last week.** New cases per 100K are at burden level 4 in the Central and Southwest, burden level 3 in the Northern and Northwest; and burden level 1 in the Eastern region
 - **% positivity is decreasing in all regions over the last week.** % positivity is at burden level 4 in the Far Southwest; burden level 3 in the Near Southwest, burden level 2 in the Central, Eastern, and Northwest; and burden level 1 in the Northern region
 - All regions except the Far Southwest region are below a **10% positivity rate**
 - COVID-like ED visits are **decreasing** in all regions over the last week, except the Northern region. All regions are at the highest burden level **except the Northern and Northwest regions**, which have dropped to burden level 2

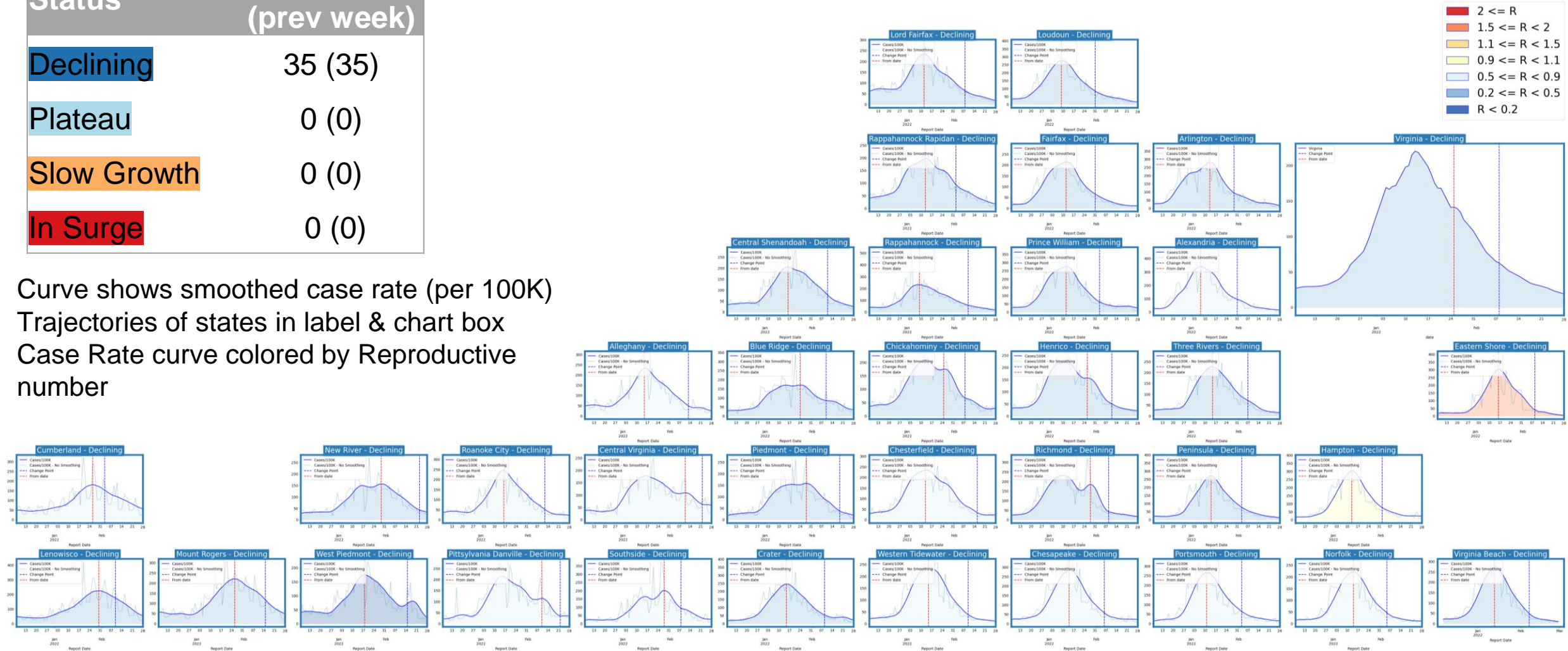
Virginia

- Virginia's reported **cases in the last 7 days** have decreased to **100.3** (-34.0%) per 100K while national cases are at **96.0** (-33.8%) per 100K
- **Hospitalizations** decreased to **636 per day** (-45.2%)
- **Deaths decreased** to **12 per day** by date of death reporting (-85.4%)
- Approximately **39% of Virginia localities** have a positivity rate **above 10%** for the 7-day period from 2/20-2/26

District Trajectories – last 10 weeks

Status	# Districts (prev week)
Declining	35 (35)
Plateau	0 (0)
Slow Growth	0 (0)
In Surge	0 (0)

Curve shows smoothed case rate (per 100K)
Trajectories of states in label & chart box
Case Rate curve colored by Reproductive
number



CDC's new COVID-19 Community Levels

What Prevention Steps Should You Take Based on Your COVID-19 Community Level?

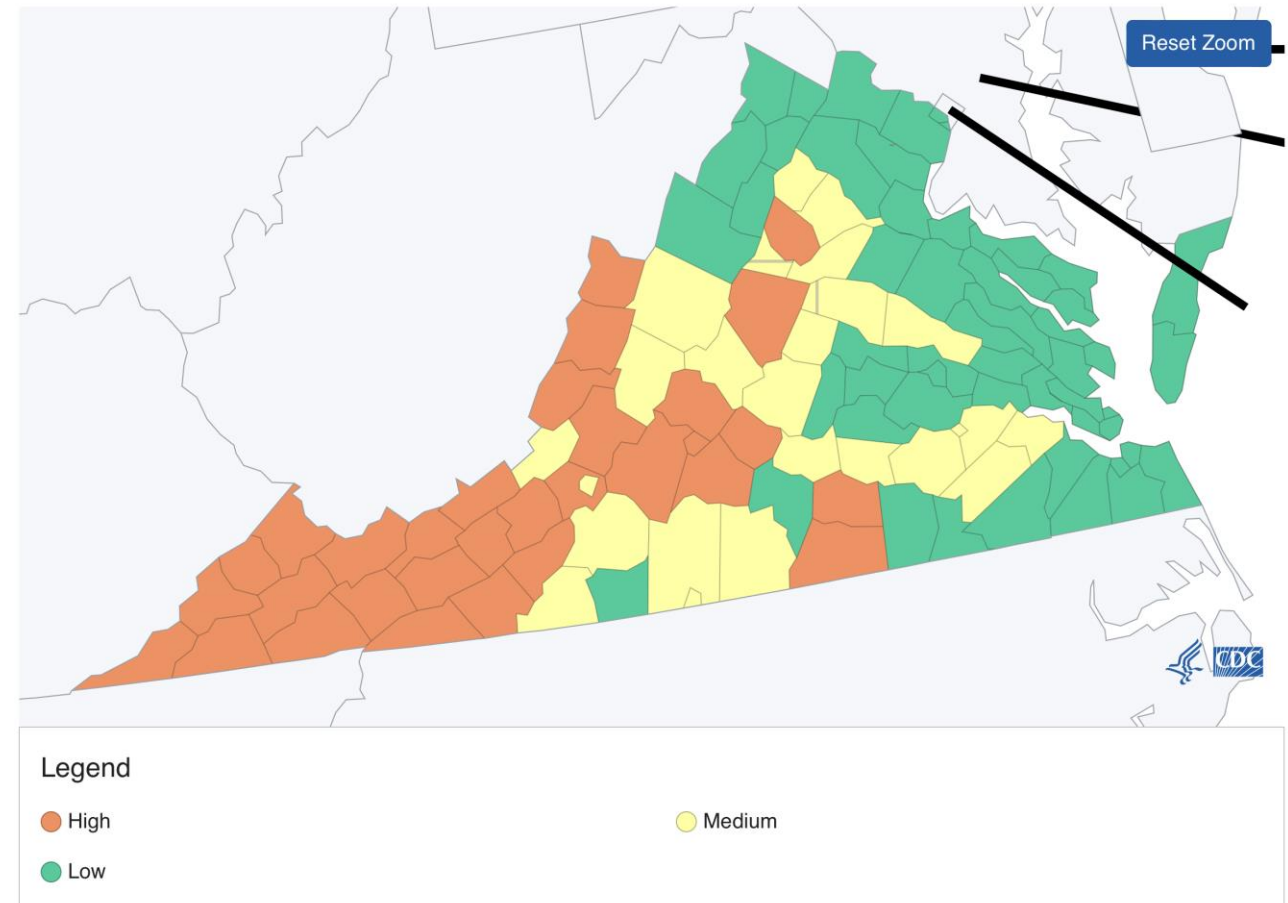
Low	Medium	High
<ul style="list-style-type: none"> Stay up to date with COVID-19 vaccines Get tested if you have symptoms 	<ul style="list-style-type: none"> If you are at high risk for severe illness, talk to your healthcare provider about whether you need to wear a mask and take other precautions Stay up to date with COVID-19 vaccines Get tested if you have symptoms 	<ul style="list-style-type: none"> Wear a mask indoors in public Stay up to date with COVID-19 vaccines Get tested if you have symptoms Additional precautions may be needed for people at high risk for severe illness

People may choose to mask at any time. People with symptoms, a positive test, or exposure to someone with COVID-19 should wear a mask.

COVID-19 Community Levels – Use the Highest Level that Applies to Your Community				
New COVID-19 Cases Per 100,000 people in the past 7 days	Indicators	Low	Medium	High
Fewer than 200	New COVID-19 admissions per 100,000 population (7-day total)	<10.0	10.0-19.9	≥20.0
	Percent of staffed inpatient beds occupied by COVID-19 patients (7-day average)	<10.0%	10.0-14.9%	≥15.0%
200 or more	New COVID-19 admissions per 100,000 population (7-day total)	NA	<10.0	≥10.0
	Percent of staffed inpatient beds occupied by COVID-19 patients (7-day average)	NA	<10.0%	≥10.0%

The COVID-19 community level is determined by the higher of the new admissions and inpatient beds metrics, based on the current level of new cases per 100,000 population in the past 7 days

Data provided by CDC
Updated: March 3, 2022



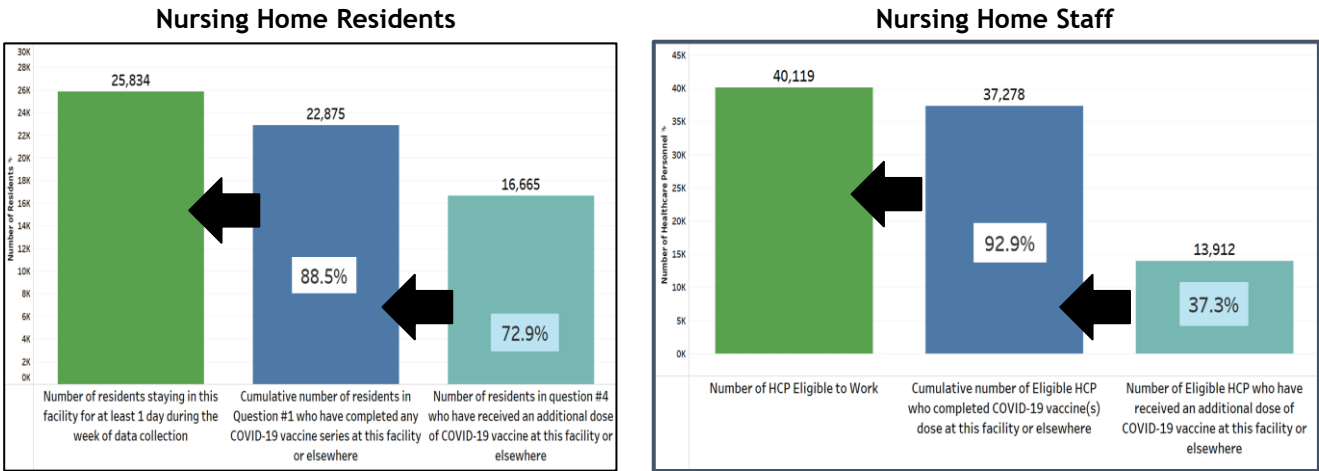
[CDC Data Tracker Portal](#)

COVID-19 Burden in Virginia LTCFs

Key Trends

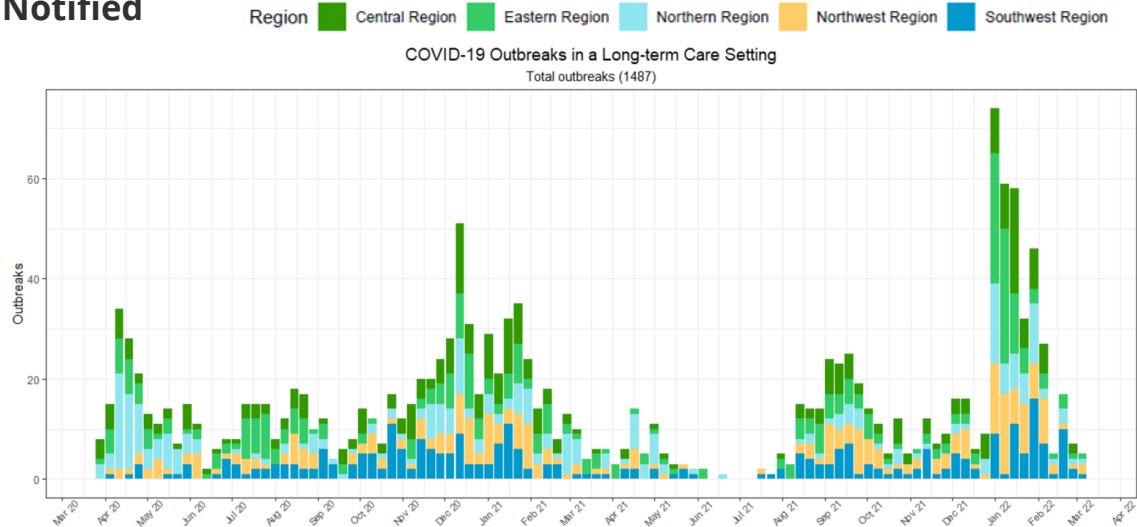
- There were 34 LTCF COVID-19 outbreaks reported in the past 30 days: 6 in Eastern, 2 in Central, 6 in Northwest, 6 in Northern, and 14 in Southwest (*see figure top right*).
- The number of reported staff and resident cases in nursing homes continued to decline during the most recent reporting week (*see figure bottom right*).
 - For the reporting week ending March 6, 2022, 75 resident and 75 staff cases were reported to NHSN. Data for this reporting week are preliminary.
- For reporting week ending February 27, 2022, data reported by 284 nursing homes showed 89% of residents were fully vaccinated; data reported by 284 nursing homes showed 93% of staff were fully vaccinated (*see figures bottom left*).
 - Of the nursing home residents eligible to receive an additional dose or booster, **73% of residents have received an additional dose or booster** of COVID-19 vaccine.
 - Of the nursing home healthcare personnel eligible to receive an additional dose or booster, **37% of staff have received an additional dose or booster** of COVID-19 vaccine.

COVID-19 Booster Vaccination in Virginia Nursing Homes



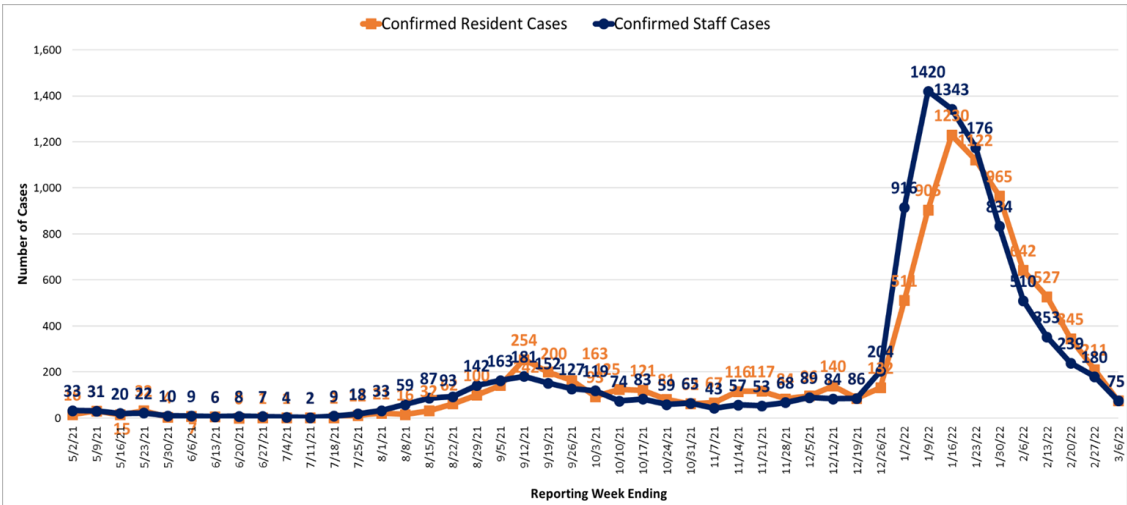
Data were reported by 286 Virginia nursing homes into the National Healthcare Safety Network (NHSN) as of 3/7/2022 and are subject to change, including booster eligibility per [updated vaccine guidance](#). In Virginia, 284 nursing homes reported resident vaccination data for reporting week ending 2/27/2022; 284 nursing homes reported staff vaccination data for reporting week ending 2/27/2022. For staff type definitions, refer to [NHSN Table of Instructions](#).

Number and Region of LTCF COVID-19 Outbreaks by Date VDH Notified



Outbreaks reported from nursing homes, assisted living facilities, and multicare facilities to VDH with a confirmed or suspected etiologic agent of SARS-CoV-2. Data are from the Virginia Outbreak Surveillance System as of 3/7/2022; data are retrospectively updated and subject to change.

Nursing Home Resident and Staff COVID-19 Cases



Data are from NHSN as of 3/7/2022 and are subject to change. For reporting information, please refer to the NHSN data collection forms: [residents](#), [staff](#).